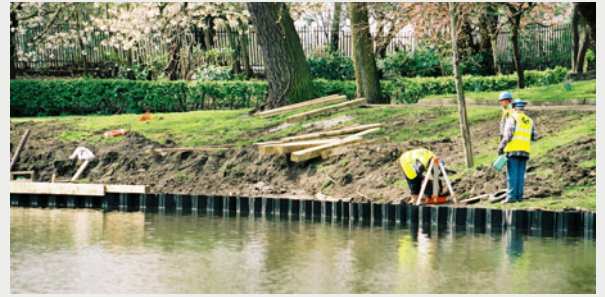
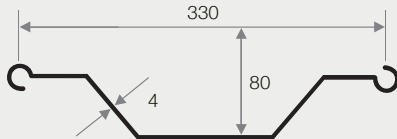


# LIFETIME Piling

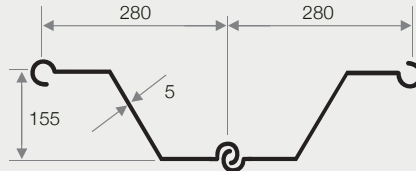
Rigid Recycled PVC-U sheet piling or corrugated system



**MS 300s PILE**



**MS 280 + PILE**



**MS 280 + CORRUGATED**



|                       | MS300s                 | MS280+                 | MS280+                 |
|-----------------------|------------------------|------------------------|------------------------|
| CONFIGURATION         | SHEET PILE             | SHEET PILE             | CORRUGATED             |
| Density               | 1.44 to 1.45           | 1.44 to 1.45           | 1.44 to 1.45           |
| Weight per metre Kg   | 2.4 Kg/m               | 3 Kg/m                 | 3 Kg/m                 |
| Tensile strength      | 44 N/mm <sup>2</sup>   | 44 N/mm <sup>2</sup>   | 44 N/mm <sup>2</sup>   |
| Impact (Charpy)       | 14 kJ/m <sup>2</sup>   | 14 kJ/m <sup>2</sup>   | 14 kJ/m <sup>2</sup>   |
| UV Stable             | ✓                      | ✓                      | ✓                      |
| Moment of inertia     | 629 cm <sup>4</sup>    | 2631 cm <sup>4</sup>   | 468 cm <sup>4</sup>    |
| Max moment-ultimate   | 7.44 kN.m/m            | 14.9 kN.m/m            | 4.1 kN.m/m             |
| Section modulus       | 186 cm <sup>2</sup>    | 339 cm <sup>2</sup>    | 93 cm <sup>2</sup>     |
| Modulus of elasticity | 2400 N/mm <sup>2</sup> | 2400 N/mm <sup>2</sup> | 2400 N/mm <sup>2</sup> |
| PVC K value           | 68                     | 68                     | 68                     |
| Vicat softening point | 80°C                   | 80°C                   | 80°C                   |

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